

عنوان مقاله:

Dynamic model of wind turbine synchronous machine HfrnPhillips and lasting impact of PSS System On sustainabilitymodel

محل انتشار:

چهارمین کنفرانس بین المللی مهندسی و علوم انسانی (سال: 1395)

تعداد صفحات اصل مقاله: 7

نویسنده:

Fereydoon shahhoseini - Master of Electrical Engineering Islamic Azad University of Saveh

خلاصه مقاله:

Using the power system stabilizer (PSS) to overcome the instability of the oscillatory eye-making power systems have been affected for years. Damping power system stabilizer for small and low-frequency fluctuations by modeling the excitation signal generator was developed. Fluctuations in the frequency range 0.2 to 2.5 Hz power system is unsustainable. Stable phase of the torque on the rotor speed changes to be Damping swings faster. Stabilizer should be adjusted effective way to have a good effect. This study aimed to investigate the behavior of the wind turbine synchronous machine model used in Philips Hfrvn use of wind And to evaluate the impact of power system stabilizer (PSS) in the Hfrn Phillips explains. Been tried in practice, changes to simulated samples V_{ref} , P_m , D parameters of the block, and thereaction components are fully investigated.

کلمات کلیدی:

wind turbine, synchronous machine, Hfrn Phillips, Dynamic model

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/575803>

